

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1 - 4. (canceled).

5. (previously presented): A chirped pulse amplification system for a fiber optic system, the chirped pulse amplification system comprising:

a mode-locked laser;

a polarization-maintaining device coupled to an output of the mode-locked laser;

a pulse stretcher coupled to a first output of the polarization-maintaining device;

an amplifier coupled to the pulse stretcher; and

a first pulse selector coupled to a second output of the polarization-maintaining device.

6. (previously presented): The chirped pulse amplification system according to claim 5, wherein the pulse stretcher comprises:

a non-polarization-maintaining dispersion compensating fiber; and

a Faraday rotator mirror.

7. (previously presented): The chirped pulse amplification system according to claim 5, wherein the pulse stretcher comprises: